

CST REPORT NO 57

RODNEY-STOKE WOODS NNR. 1. STEM NUMBER BY SIZE, CLASS AND SPECIES.
2. TOTAL STEM NUMBERS AND CONVENTIONAL VOLUME PER HECTARE. 1976.
tables. [Contract Title: Development of Tree Enumeration Techniques; Contractor: ITE (D.K. Lindley); NCC Research Contract: Fj/03/50]
Key-Words: RODNEY-STOKE; TREES

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AGGREGATE SHEET

RESERVE...RODNEY STOKES

SITE ...1

DATE ... 11 / 66

AREA (HA.) 2.79

DIAM.
CLASS
(CM5.)

SPECIES

TOTALS

	1	2	3	4	5	6	7	8	
	HAZEL	HAWTHORN	SPRUE	BUCKTHORN	MAPLE	BEECH	ASH	OAK	
10	98	77	1	9	328	3	1386	171	2873
15	3	8	-	-	73	-	307	53	444
20	-	-	-	-	8	1	45	27	81
25	-	-	-	-	4	-	8	9	21
30	-	-	-	-	1	-	2	1	4
35	-	-	-	-	-	-	-	4	4
40	-	-	-	-	-	-	2	2	4
45	-	-	-	-	-	-	-	1	1
50	-	-	-	-	-	-	-	-	0
55	-	-	-	-	-	-	-	-	0
60	-	-	-	-	-	-	-	-	0
65	-	-	-	-	-	-	-	-	0
70	-	-	-	-	-	-	-	-	0
75	-	-	-	-	-	-	-	-	0
80	-	-	-	-	-	-	-	-	0
85	-	-	-	-	-	-	-	-	0
90	-	-	-	-	-	-	-	-	0
95	-	-	-	-	-	-	-	-	0
100	-	-	-	-	-	-	-	-	0
105	-	-	-	-	-	-	-	-	0
110	-	-	-	-	-	-	-	-	0
115	-	-	-	-	-	-	-	-	0
120	-	-	-	-	-	-	-	-	0
125	-	-	-	-	-	-	-	-	0
130	-	-	-	-	-	-	-	-	0
135	-	-	-	-	-	-	-	-	0
TOTAL	101	85	1	9	414	4	1750	268	2632

AGGREGATE SHEET

RESERVE...RODNEY STOKES
 SITE ...1
 DATE ... 11 / 66

AREA (HA.) 2.79

DI. N. CLASS (CMS.)	SPECIES							TOTALS
	9	10	11	12	13	14	15	
	WHITEBARK	LIME	SALLOW	ELDER	B.M.	BIRCH	HORSE CHESTNUT	
10	29	11	19	12	55	-	-	126
15	8	10	7	3	12	-	-	40
20	1	4	2	-	1	2	-	10
25	-	2	1	-	-	-	1	4
30	-	-	-	-	-	-	-	0
35	-	-	-	-	-	-	-	0
40	-	-	-	-	-	-	-	0
45	-	-	-	-	-	-	-	0
50	-	-	-	-	-	-	-	0
55	-	-	-	-	-	-	-	0
60	-	-	-	-	-	-	-	0
65	-	-	-	-	-	-	-	0
70	-	-	-	-	-	-	-	0
75	-	-	-	-	-	-	-	0
80	-	-	-	-	-	-	-	0
85	-	-	-	-	-	-	-	0
90	-	-	-	-	-	-	-	0
95	-	-	-	-	-	-	-	0
100	-	-	-	-	-	-	-	0
105	-	-	-	-	-	-	-	0
110	-	-	-	-	-	-	-	0
115	-	-	-	-	-	-	-	0
120	-	-	-	-	-	-	-	0
125	-	-	-	-	-	-	-	0
130	-	-	-	-	-	-	-	0
135	-	-	-	-	-	-	-	0
TOTAL	38	27	29	15	68	2	1	180

STEM NUMBER AND CONVENTIONAL VOLUME PER HA

SHEET... 1

RESERVE...RODNEY STOKES
SITE ...1
DATE ... 11 / 66

AREA 2.79 HA.

DI . CLASS (CMS.)	SPECIES	
	TOTALS	
	NO.	VOL. (SV.)
10	788.1721	37.40665
15	173.4767	23.51303
20	32.61649	8.797971
25	8.960574	4.05448
30	1.433692	.9837849
35	1.433692	1.456659
40	1.433692	2.048516
45	.3584229	.6881577
50	-	-
55	-	-
60	-	-
65	-	-
70	-	-
75	-	-
80	-	-
85	-	-
90	-	-
95	-	-
100	-	-
105	-	-
110	-	-
115	-	-
120	-	-
125	-	-
130	-	-
TOTALS	1807.885	78.94125

READY

AGGREGATE SHEET

RESERVE...PODNEY STOKES

SITE ...3

DATE ... 4 / 63

AREA (HA.) 3.68

DIAM.
CLASS
(CMS.)

SPECIES

TOTALS

	1	2	3	4	5	6	7	8	
	dogwood	Hazel	Hornbeam	Spindle	Oak	Buckhorn	Service	Yew	
10	4	191	28	1	5	3	1	-	233
15	-	4	2	-	3	-	-	1	10
20	-	1	-	-	-	-	-	-	1
25	-	-	-	-	1	-	-	-	1
30	-	-	-	-	-	-	-	-	0
35	-	-	-	-	-	-	-	-	0
40	-	-	-	-	-	-	-	-	0
45	-	-	-	-	-	-	-	-	0
50	-	-	-	-	-	-	-	-	0
55	-	-	-	-	-	-	-	-	0
60	-	-	-	-	-	-	-	-	0
65	-	-	-	-	-	-	-	-	0
70	-	-	-	-	-	-	-	-	0
75	-	-	-	-	-	-	-	-	0
80	-	-	-	-	-	-	-	-	0
85	-	-	-	-	-	-	-	-	0
90	-	-	-	-	-	-	-	-	0
95	-	-	-	-	-	-	-	-	0
100	-	-	-	-	-	-	-	-	0
105	-	-	-	-	-	-	-	-	0
110	-	-	-	-	-	-	-	-	0
115	-	-	-	-	-	-	-	-	0
120	-	-	-	-	-	-	-	-	0
125	-	-	-	-	-	-	-	-	0
130	-	-	-	-	-	-	-	-	0
135	-	-	-	-	-	-	-	-	0
TOTAL	4	196	30	1	9	3	1	1	245

AGGREGATE SHEET

RESERVE...RODNEY STOKES

SITE ...3

DATE ... 4 / 63

AREA (HA.) 3.63

DIAM. CLASS (CMS.)	SPECIES									TOTALS
	8	9	10	11	12	13	14	15	16	
	Yew	maple	Beech	Oak	Oak	White Oak	Lime	Sycamore	Sweet Chestnut	
10	-	327	1	1028	501	217	243	6	-	2323
15	1	89	-	384	455	28	141	-	1	1099
20	-	12	1	77	211	6	53	-	-	360
25	-	4	1	13	69	3	15	-	-	105
30	-	1	-	2	11	-	2	-	-	16
35	-	-	-	1	9	-	3	-	-	13
40	-	-	-	1	10	-	-	-	-	11
45	-	-	-	-	12	-	-	-	-	12
50	-	-	-	-	9	-	-	-	-	9
55	-	-	-	-	3	-	1	-	-	4
60	-	-	-	-	3	-	-	-	-	3
65	-	-	-	-	-	-	-	-	-	0
70	-	-	-	-	-	-	-	-	-	0
75	-	-	-	-	-	-	-	-	-	0
80	-	-	-	-	-	-	-	-	-	0
85	-	-	-	-	-	-	-	-	-	0
90	-	-	-	-	1	-	-	-	-	1
95	-	-	-	-	-	-	-	-	-	0
100	-	-	-	-	-	-	-	-	-	0
105	-	-	-	-	-	-	-	-	-	0
110	-	-	-	-	-	-	-	-	-	0
115	-	-	-	-	-	-	-	-	-	0
120	-	-	-	-	-	-	-	-	-	0
125	-	-	-	-	-	-	-	-	-	0
130	-	-	-	-	-	-	-	-	-	0
135	-	-	-	-	-	-	-	-	-	0
TOTAL	1	433	3	1506	1294	254	458	6	1	3956

AGGREGATE SHEET

RESERVE...RODNEY STOKES

SITE ...3

DATE ... 4 / 63

AREA (HA.) 3.68

DIAM.
CLASS
(CMS.)

SPECIES

TOTALS

17 18 19

10	<i>elder</i> 1	<i>elm</i> 138	-
15	-	61	-
20	-	19	-
25	-	5	-
30	-	2	-
35	-	-	-
40	-	-	-
45	-	-	-
50	-	-	-
55	-	-	-
60	-	-	-
65	-	-	-
70	-	-	-
75	-	-	-
80	-	-	-
85	-	-	-
90	-	-	-
95	-	-	-
100	-	-	-
105	-	-	-
110	-	-	-
115	-	-	-
120	-	-	-
125	-	-	-
130	-	-	-
135	-	-	-

TOTAL 1 225 0

226

STEM NUMBER AND CONVENTIONAL VOLUME PER HA

SHEET... 1

RESERVE... RODNEY STOKE
SITE ... 3
DATE ... 4 / 63

AREA 3.68 HA.

DIA.
CLASS
(CMS.)

SPECIES

TOTALS

	NO.	VOL. (SV.)
10	732.337	34.75671
15	317.663	43.05605
20	103.2609	27.85359
25	30.16304	13.64817
30	4.891304	3.356364
35	3.532609	3.589201
40	2.98913	4.270989
45	3.26087	6.187957
50	2.445652	5.915397
55	1.086957	3.24838
60	0.8152174	2.937465
65	-	-
70	-	-
75	-	-
80	-	-
85	-	-
90	0.2717391	2.182826
95	-	-
100	-	-
105	-	-
110	-	-
115	-	-
120	-	-
125	-	-
130	-	-
TOTALS	1202.717	151.7031

AGGREGATE SHEET

RESERVE...RODNEY STOKES

SITE ...4

DATE ... 1 / 66

AREA (HA.) 4.09

DIAM. CLASS (CMS.)	SPECIES								TOTALS
	1	2	3	4	5	6	7	8	
	BOROUGH	HAZEL	HAWTHORN	SPINDLE	CRAB APPLE	MAPLE	BEECH	ASH	
10	1	96	100	2	3	225	-	1995	2422
15	-	2	14	-	2	44	-	1041	1103
20	-	1	2	-	-	6	-	283	292
25	-	-	-	-	-	1	-	55	56
30	-	-	-	-	-	-	1	5	6
35	-	-	-	-	-	-	-	-	0
40	-	-	-	-	-	-	-	-	0
45	-	-	-	-	-	-	-	-	0
50	-	-	-	-	-	-	-	1	1
55	-	-	-	-	-	-	-	-	0
60	-	-	-	-	-	-	-	-	0
65	-	-	-	-	-	-	-	-	0
70	-	-	-	-	-	-	-	-	0
75	-	-	-	-	-	-	-	-	0
80	-	-	-	-	-	-	-	-	0
85	-	-	-	-	-	-	-	-	0
90	-	-	-	-	-	-	-	-	0
95	-	-	-	-	-	-	-	-	0
100	-	-	-	-	-	-	-	-	0
105	-	-	-	-	-	-	-	-	0
110	-	-	-	-	-	-	-	-	0
115	-	-	-	-	-	-	-	-	0
120	-	-	-	-	-	-	-	-	0
125	-	-	-	-	-	-	-	-	0
130	-	-	-	-	-	-	-	-	0
135	-	-	-	-	-	-	-	-	0
TOTAL	1	99	116	2	5	276	1	3380	3880

AGGREGATE SHEET

RESERVE...RODNEY STOKES
SITE ...4
DATE ... 1 / 66

AREA (HA.) 4.09

D AM. CLASS CMS.)	SPECIES							TOTALS
	9	10	11	12	13		15	
	OAK	WHITE BEECH	LIME	SYCAMORE	ELM	EUROPEAN LARCH		
10	658	253	59	3	9	-	-	982
15	957	39	38	2	4	1	-	1041
20	502	5	7	1	1	-	-	518
25	166	-	5	-	-	2	-	173
30	34	-	1	1	-	-	-	36
35	7	-	-	1	-	-	-	8
40	2	-	-	-	-	-	-	2
45	2	-	-	-	-	-	-	2
50	-	-	-	-	-	-	-	0
55	-	-	-	-	-	-	-	0
60	-	-	-	-	-	-	-	0
65	-	-	-	-	-	-	-	0
70	-	-	-	-	-	-	-	0
75	-	-	-	-	-	-	-	0
80	-	-	-	-	-	-	-	0
85	-	-	-	-	-	-	-	0
90	-	-	-	-	-	-	-	0
95	-	-	-	-	-	-	-	0
100	-	-	-	-	-	-	-	0
105	-	-	-	-	-	-	-	0
110	-	-	-	-	-	-	-	0
115	-	-	-	-	-	-	-	0
120	-	-	-	-	-	-	-	0
125	-	-	-	-	-	-	-	0
130	-	-	-	-	-	-	-	0
135	-	-	-	-	-	-	-	0
TOTAL	2328	297	112	8	14	3	0	2762

STEM NUMBER AND CONVENTIONAL VOLUME PER HA

SHEET... 1

RESERVE...RODNEY STOKES
SITE ...4
DATE ... 1 / 66

AREA 4.69 HA.

DIA.
CLASS
(CMS.)

SPECIES

TOTALS

	NO.	VOL. (SV.)
18	732.2738	39.49972
15	528.2054	71.0508
20	198.044	53.42039
25	55.99022	25.33446
30	10.26695	7.04645
35	1.95599	1.987325
40	.4889976	.6986993
45	.4889976	.9279413
50	.2444988	.591379
55	-	-
60	-	-
65	-	-
70	-	-
75	-	-
80	-	-
85	-	-
90	-	-
95	-	-
100	-	-
105	-	-
110	-	-
115	-	-
120	-	-
125	-	-
130	-	-
TOTALS	1623.961	200.5572

READY

BYE

AGGREGATE SHEET

RESERVE...RODNEY STOKES

SITE ...3

DATE ... 4 / 65

AREA (HA.) 4.49

DIAM. CLASS (CMS.)	SPECIES								TOTALS
	1	2	3	4	5	6	7	8	
	DOGWOOD	HAZEL	HAWTHORN	SPINDLE	GRAB	BUCKTHORN	BUCKTHORN	MAPLE	
10	8	242	292	4	2	12	3	248	811
15	-	9	42	1	1	-	1	102	156
20	-	-	3	1	-	-	-	32	34
25	-	-	-	-	-	-	-	10	10
30	-	-	-	-	-	-	-	3	3
35	-	-	-	-	-	-	-	-	0
40	-	-	-	-	-	-	-	-	0
45	-	-	-	-	-	-	-	-	0
50	-	-	-	-	-	-	-	-	0
55	-	-	-	-	-	-	-	-	0
60	-	-	-	-	-	-	-	-	0
65	-	-	-	-	-	-	-	-	0
70	-	-	-	-	-	-	-	-	0
75	-	-	-	-	-	-	-	-	0
80	-	-	-	-	-	-	-	-	0
85	-	-	-	-	-	-	-	-	0
90	-	-	-	-	-	-	-	-	0
95	-	-	-	-	-	-	-	-	0
100	-	-	-	-	-	-	-	-	0
105	-	-	-	-	-	-	-	-	0
110	-	-	-	-	-	-	-	-	0
115	-	-	-	-	-	-	-	-	0
120	-	-	-	-	-	-	-	-	0
125	-	-	-	-	-	-	-	-	0
130	-	-	-	-	-	-	-	-	0
135	-	-	-	-	-	-	-	-	0
TOTAL	8	251	337	6	3	12	4	393	1014

AGGREGATE SHEET

RESERVE...RODNEY STOKES

SITE ...5

DATE ... 4 / 65

AREA (HA.) 4.49

D.B.H. CLASS (CMS.)	SPECIES								TOTALS
	9	10	11	12	13	14	15	16	
	BEECH	ASH	OAK	WATERBURY	LIME	SALIX	BIRCH	ELM	
10	5	626	224	239	29	1	10	112	1246
15	-	351	261	49	13	1	1	49	725
20	1	124	264	7	4	-	1	17	418
25	5	30	184	5	1	-	-	7	232
30	3	5	86	-	-	-	-	6	100
35	-	10	35	-	-	-	-	-	45
40	3	4	18	-	-	-	-	-	25
45	2	2	10	-	-	-	-	1	15
50	2	2	2	-	-	-	-	-	6
55	-	-	1	-	-	-	-	-	1
60	-	-	1	-	-	-	-	-	1
65	-	-	-	-	-	-	-	-	0
70	-	-	-	-	-	-	-	-	0
75	-	-	-	-	-	-	-	-	0
80	-	-	-	-	-	-	-	-	0
85	-	-	-	-	-	-	-	-	0
90	-	-	-	-	-	-	-	-	0
95	-	-	-	-	-	-	-	-	0
100	-	-	-	-	-	-	-	-	0
105	-	-	-	-	-	-	-	-	0
110	-	-	-	-	-	-	-	-	0
115	-	-	-	-	-	-	-	-	0
120	-	-	-	-	-	-	-	-	0
125	-	-	-	-	-	-	-	-	0
130	-	-	-	-	-	-	-	-	0
135	-	-	-	-	-	-	-	-	0
TOTAL	21	1154	1066	300	47	2	12	192	2814

AGGREGATE SHEET

RESERVE...RODNEY STOKE
SITE ...5
DATE ... 4 / 65

AREA (HA.) 4.49

D AM.

CL 55

(CMF.) 17

SPECIES

TOTALS

EUROPEAN
LARCH

10	-	0
15	1	1
20	6	6
25	6	6
30	19	19
35	9	9
40	1	1
45	-	0
50	1	1
55	-	0
60	-	0
65	-	0
70	-	0
75	-	0
80	-	0
85	-	0
90	-	0
95	-	0
100	-	0
105	-	0
110	-	0
115	-	0
120	-	0
125	-	0
130	-	0
135	-	0
TOTAL 43		43

STEM NUMBER AND CONVENTIONAL VOLUME PER HA

SHEET... 1

RESERVE...RODNEY STOKES

SITE ...5

DATE ... 4 / 65

AREA 4.49 HA.

DIA.
CLAS
(CMS.)

SPECIES

TOTALS

NO. VOL. (SV.)

18	458.1292	21.74281
5	196.4365	26.62561
28	182.8845	27.51468
25	55.23385	24.99221
8	27.17149	18.64481
35	12.82673	12.21939
48	5.792646	8.273987
45	3.348757	6.339555
58	1.55982	3.778864
55	.2227172	.6655924
68	.2227172	.8825145
65	-	-
78	-	-
75	-	-
88	-	-
85	-	-
98	-	-
95	-	-
108	-	-
105	-	-
118	-	-
115	-	-
128	-	-
125	-	-
138	-	-
TOTALS	862.1381	151.5913

READY